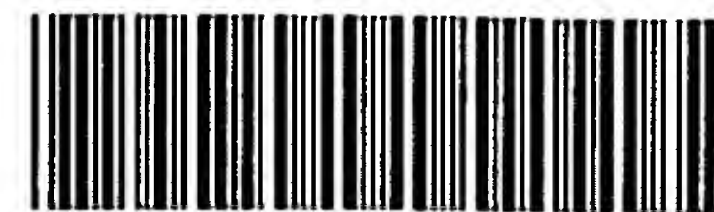# RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/566,426_

Source: _1,FWP_

Date Processed by STIC: _2/7/06_

ENTERED

IFWP

RAW SEQUENCE LISTING   DATE: 02/07/2006
PATENT APPLICATION: US/10/566,426   TIME: 13:58:54

Input Set : A:\RS0212.txt
Output Set: N:\CRF4\02012006\J566426.raw

```
  4 <110> APPLICANT: Rosetta Inpharmatics LLC
  5        Phillips, John W.
  7 <120> TITLE OF INVENTION: Methods of Using a Sterol Biosynthesis Pathway Reporter Gene
to
  8        Screen for Antifungal Compounds
 10 <130> FILE REFERENCE: RS0212
 12 <140> CURRENT APPLICATION NUMBER: US/10/566,426
 12 <141> CURRENT FILING DATE: 2006-01-30
 12 <150> PRIOR APPLICATION NUMBER: US 60/491,442
 13 <151> PRIOR FILING DATE: 2003-07-30
 15 <160> NUMBER OF SEQ ID NOS: 5
 17 <170> SOFTWARE: PatentIn version 3.2
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 372
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Saccharomyces cerevisiae
 24 <400> SEQUENCE: 1
 25 atggtcaaat taacttcaat cgctgccggt gttgccgcca tcgctgccgg tgttgccgct    60
 27 gctccagcca ctaccactct atctccatct gacgaaagag tcaacttggt cgaattgggt   120
 29 gtttacgtct ccgatatcag agctcatttg gctcaatact acttgtttca agcagctcat   180
 31 ccaactgaga cctacccagt tgagattgct gaagctgttt tcaactatgg tgacttcacc   240
 33 accatgttga ctggtattcc agctgaacaa gtcaccagag tcatcactgg tgtcccatgg   300
 35 tactccacta gattgagacc agctatttcc agtgctctat ctaaggacgg tatctacact   360
 37 gctattccaa aa                                                        372
 40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 124
 42 <212> TYPE: PRT
 43 <213> ORGANISM: Saccharomyces cerevisiae
 45 <400> SEQUENCE: 2
 48 Met Val Lys Leu Thr Ser Ile Ala Ala Gly Val Ala Ala Ile Ala Ala
 49 1               5                   10                  15
 52 Gly Val Ala Ala Ala Pro Ala Thr Thr Thr Leu Ser Pro Ser Asp Glu
 53             20                  25                  30
 56 Arg Val Asn Leu Val Glu Leu Gly Val Tyr Val Ser Asp Ile Arg Ala
 57         35                  40                  45
 60 His Leu Ala Gln Tyr Tyr Leu Phe Gln Ala Ala His Pro Thr Glu Thr
 61     50                  55                  60
 64 Tyr Pro Val Glu Ile Ala Glu Ala Val Phe Asn Tyr Gly Asp Phe Thr
 65 65                  70.                 75                  80
 68 Thr Met Leu Thr Gly Ile Pro Ala Glu Gln Val Thr Arg Val Ile Thr
 69             85                  90                  95
 72 Gly Val Pro Trp Tyr Ser Thr Arg Leu Arg Pro Ala Ile Ser Ser Ala
 73             100                 105                 110
 76 Leu Ser Lys Asp Gly Ile Tyr Thr Ala Ile Pro Lys
```

RAW SEQUENCE LISTING   DATE: 02/07/2006
PATENT APPLICATION: US/10/566,426   TIME: 13:58:54

Input Set : A:\RS0212.txt
Output Set: N:\CRF4\02012006\J566426.raw

```
77          115              120
80 <210> SEQ ID NO: 3
81 <211> LENGTH: 1001
82 <212> TYPE: DNA
83 <213> ORGANISM: Saccharomyces cerevisiae
85 <400> SEQUENCE: 3
86 aatcaagaaa tgcttacaac tctactaaca ctgcagtttt tcagctttct gattaatctc      60
88 ttcggtttaa attttttagc agctattact ttctagtaac ccttataacg cggttggtat     120
90 caaatcttcc tgatagtaca agcagacctt tgaccccatt cttgttgtgt cttgaaatct     180
92 tttttctga caaaagtaag aagttacacc ataatagaga agttaaataa tgaaagtgta     240
94 tcgatcatag aaatgatttc attttttttca actactgtta cggtcaagaa actaataatg     300
96 aggataagtt ttcgcaacaa tgattttggt gcaagtgatt taaagtcttg aattacttca     360
98 acacaatttg ctttgcgacg gtttagaata acgtaatcgt atcagcgaat ccactaggcg     420
100 cgcgtaaaaa ttacagactc taacaatata cgactcccag cacatatcta ctattctgta    480
102 caattccggg aaatagaggg tacagtatta ttttttctcg gcgatcgttt agggtatact    540
104 ggagataggc ttagcaatac gcttctgaac gaggatctat agcaactaaa ttcagacatt    600
106 ctgctacacc aaaaatggaa gtatcacagg aacggaaaag ggttttataa ggcacctcgg    660
108 cacccctata actggcattc tcacattcgg cgcatacgaa tagacaaagg ccccagaaaa    720
111 caataccttc gcatacagaa tctataaaga tgcatgcctc gtttaaaaac aagaacatct    780
113 tcatagtgat catgaaattg tgtgaaagat gagatatgta atgcgtgagg tactaaatga    840
115 ggatatgtta acgaatcgtt taagtggtga tgaccaatga aggaataggt ataaatagag    900
117 atacttcaac tatatgcctt tgagaatatg tctttattcc ttcccttcct gttaagctta    960
119 tatcagcact aacaaacaaa acaaatacaa tggtcaaatt a                       1001
122 <210> SEQ ID NO: 4
123 <211> LENGTH: 13
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Description of Artificial Sequence: supF-stuffer fragment
129       junction component
131 <400> SEQUENCE: 4
132 ccccggagac gtc                                                         13
135 <210> SEQ ID NO: 5
136 <211> LENGTH: 10
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Description of Artificial Sequence: terminal of supF gene
143 <400> SEQUENCE: 5
144 tcccccacca                                                             10
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 02/07/2006
PATENT APPLICATION: US/10/566,426   TIME: 13:58:55

Input Set : **A:\RS0212.txt**
Output Set: **N:\CRF4\02012006\J566426.raw**

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:4,5

VERIFICATION SUMMARY   DATE: 02/07/2006
PATENT APPLICATION: US/10/566,426   TIME: 13:58:55

Input Set : A:\RS0212.txt
Output Set: N:\CRF4\02012006\J566426.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date